# Mountain Weather Forecast

## Peak District National Park

Forecast valid from 06:00 on Sunday 13 Dec 2020 until 23:59 on Monday 14 Dec 2020

Forecast Issued on Sunday 13 Dec 2020 at 02:30

**Confidence:** High confidence for the beginning of the period but lower confidence in the forecast from Wednesday.

**Headline for Sunday 13 Dec 2020:** A wet start with rain spreading east, and persisting for much of the day. Windy

**Mountain weather hazards on Sunday 13 Dec 2020**

**Blizzards**
No Likelihood

**Heavy Snow**
No Likelihood

**Storm force winds**
No Likelihood

**Gales**
Low Likelihood

**Severe chill effect**
Low Likelihood

**Poor visibility**
Medium Likelihood

**Thunderstorms**
No Likelihood

**Heavy persistent rain**
Low Likelihood

**Strong sunlight**
No Likelihood

| **Weather and chance of precipitation at 600m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | |
| Sleet | Heavy Rain | Heavy Rain | Light rain | Heavy Rain | Heavy rain showers (night) |
| Precipitation probability | | | | | |
| 60% | 80% | 80% | 40% | 60% | 30% |

**Forecast for Sunday 13 Dec 2020**

**Weather:** A cloudy start with a band of rain soon moving northeast across the Peak District through the morning. Perhaps briefly falling as sleet or snow on the very highest points. Rain will be heavy at times and persistent for much of the day, before clearing east during the early evening. Some clearer spells following, before further heavy and blustery showers spread east towards midnight.

**Chance of cloud free mountain/hill tops above 600m:** Near 0% for much of the day with tops above 500m shrouded in cloud, and some patches down to 400m in the west. Improving to 60% during the evening, with broken cloud at 600m.

**Visibility:** Visibility will be moderate but become quite poor in heavier rain in the middle of the day. In general navigation will be tricky at height.

Check our weather forecast every day to get the most accurate and up to date information
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# Mountain Weather Forecast

**Forecast for Sunday 13 Dec 2020**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 18/27 S | 27/40 SE | 33/46 SE | 32/44 S | 25/35 S | 27/38 S | 25/36 S |
| **300** | 15/25 SE | 23/36 SE | 28/43 SE | 26/37 SE | 17/28 S | 19/29 S | 17/27 SW |
| **Valley** | 7/19 SE | 11/26 SE | 18/39 SE | 17/37 SE | 12/28 S | 12/28 S | 13/30 S |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 2/-3 | 3/-4 | 3/-4 | 6/-1 | 7/2 | 7/2 | 6/1 |
| **300** | 4/-1 | 4/-2 | 5/-1 | 7/2 | 10/6 | 9/5 | 8/4 |
| **Valley** | 4/1 | 4/0 | 5/1 | 8/4 | 10/7 | 9/6 | 8/5 |
| **Freezing Level*** | 700m | 1900m | 2300m | 2400m | 1600m | 1600m | 1500m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Feeling cold, however, with the rain and strong winds. Gales widely at height, especially across higher tops, with gusts of around 50mph possible above 600m.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 03:00 on Sun 13 Dec 2020 | 15mm | 21.2mm | 26.6mm |

**Forecast for Monday 14 Dec 2020**

**Weather:** Frequent, heavy and blustery showers through the day. These perhaps aligning to give persistent rain across some western hills. The best of any drier or brighter intervals in the east.

**Maximum wind:** Southwesterly 30mph gust 40-45mph at first, easing to Southerly 20-25mph gust 30-40mph during the evening.

**Chance of cloud free mountain/hill tops above 600m:** 60%, although scattered cloud shrouding some tops above 600m at times, especially around more westerly hills

**Visibility:** Mainly moderate or good but becoming poor at times in rain.

**Temperature:** **Valleys:** Plus 9 Celsius.
**At 600m:** Plus 4 Celsius
**Freezing level:** Above the summits.

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